Title (en)

METHOD OF ANALYZING COENZYME Q-10 AND TWO-ELECTRON REDUCTION PRODUCT THEREOF AND ANALYSIS SYSTEM

Title (de)

VERFAHREN ZUR ANALYSE VON COENZYM Q-10SOWIE ZWEI-ELEKTRONEN-REDUKTIONSPRODUKT DAVON UND ANALYSESYSTEM

Title (fr)

METHODE D'ANALYSE DE LA COENZYME Q10 ET DU PRODUIT DE REDUCTION A DEUX ELECTRONS DE CELLE-CI ET SYSTEME D'ANALYSE ASSOCIE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1568994A1] The present invention relates to an analysis method and analysis system that can accurately analyze the contents of coenzyme Q-10 and a 2-electron reduced form thereof in a specimen, in which human blood plasma as the specimen is mixed with isopropyl alcohol as a pretreatment and the coenzyme Q-10 and the 2-electron reduced form thereof are extracted to the isopropyl alcohol. Extracted liquid is stored at a temperature of 4 DEG C until the analysis is performed. The extracted liquid as an analytical sample is analyzed by an analysis system provided with a liquid-sending mechanism, a switching mechanism, a concentration column, a separation column, a reduction column, an ultraviolet absorption detector, and an electrochemical detector.

IPC 8 full level

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Citation (search report)

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- See also references of WO 2004051259A1

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